

N Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:21:13 ON 23 MAY 2005

=> file pnttext

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.63

0.63

FILE 'EPFULL' ENTERED AT 15:23:11 ON 23 MAY 2005

COPYRIGHT (C) 2005 European Patent Office / FIZ Karlsruhe

FILE 'FRFULL' ENTERED AT 15:23:11 ON 23 MAY 2005

COPYRIGHT (C) 2005 Univentio

FILE 'GBFULL' ENTERED AT 15:23:11 ON 23 MAY 2005

COPYRIGHT (C) 2005 Univentio

FILE 'PATDPAFULL' ENTERED AT 15:23:11 ON 23 MAY 2005

COPYRIGHT (C) 2005 DPMA

FILE 'PCTFULL' ENTERED AT 15:23:11 ON 23 MAY 2005

COPYRIGHT (C) 2005 Univentio

FILE 'RDISCLOSURE' ENTERED AT 15:23:11 ON 23 MAY 2005

COPYRIGHT (C) 2005 Kenneth Mason Publications Ltd.

FILE 'USPATFULL' ENTERED AT 15:23:11 ON 23 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 15:23:11 ON 23 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (light emitting diode# or LED) and phosphorescent organometalic complex?

5 FILES SEARCHED...

L1 0 (LIGHT EMITTING DIODE# OR LED) AND PHOSPHORESCENT ORGANOMETALIC  
COMPLEX?

=> s (light emitting diode# or LED) and phosphorescent and complex? and Ir

L2 550 (LIGHT EMITTING DIODE# OR LED) AND PHOSPHORESCENT AND COMPLEX?  
AND IR

=> s l2 and side chain#

L3 86 L2 AND SIDE CHAIN#

=> s l3 and electroluminescent and conjugated polymer#

7 FILES SEARCHED...

L4 19 L3 AND ELECTROLUMINESCENT AND CONJUGATED POLYMER#

=> s l4 and positive and negative and electrode#

L5 8 L4 AND POSITIVE AND NEGATIVE AND ELECTRODE#

=> d l5 1-8

L5 ANSWER 1 OF 8 PCTFULL COPYRIGHT 2005 Univentio on STN

AN 2004094501 PCTFULL ED 20041110 EW 200445

TIEN WATER DISPERSIBLE POLYTHIOPHENES MADE WITH POLYMERIC ACID COLLOIDS

TIFR POLYTHIOPHENES DISPERSABLES DANS L'EAU CONSTITUES DE COLLOIDES D'ACIDE  
POLYMERE

IN HSU, Che-Hsiung, 4803 Mermaid Boulevard, Wilmington, DE 19808, US [US,  
US];

CAO, Yong, 436 Pomona Court, Goleta, CA 93117, US [CN, US];

KIM, Sunghan, 5651 Encina Road #203, Goleta, CA 93117, US [KR, US];

LECLOUX, Daniel, David, 555 Meadow View Drive, Buellton, CA 93427, US  
[US, US];

LI, Huawen, 10457 Summer View Circle, Camarillo, CA 93012, US [US, US];

MACPHERSON, Charles, Douglas, 5290 Overpass Road, Unit 16, Santa

Barbara, CA 93111, US [CA, US];

ZHANG, Chi, 5817 Encina Road, Apartment 102, Goleta, CA 93117, US [US, US];  
 SKULASON, Hjalti, 341 Valley Dairy Road, Buellton, CA 93427, US [IS, US]  
 PA E.I. DUPONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE 19898, US [US, US], for all designates States except US;  
 HSU, Che-Hsiung, 4803 Mermaid Boulevard, Wilmington, DE 19808, US [US, US], for US only;  
 CAO, Yong, 436 Pomona Court, Goleta, CA 93117, US [CN, US], for US only;  
 KIM, Sunghan, 5651 Encina Road #203, Goleta, CA 93117, US [KR, US], for US only;  
 LECLoux, Daniel, David, 555 Meadow View Drive, Buellton, CA 93427, US [US, US], for US only;  
 LI, Huawen, 10457 Summer View Circle, Camarillo, CA 93012, US [US, US], for US only;  
 MACPHERSON, Charles, Douglas, 5290 Overpass Road, Unit 16, Santa Barbara, CA 93111, US [CA, US], for US only;  
 ZHANG, Chi, 5817 Encina Road, Apartment 102, Goleta, CA 93117, US [US, US], for US only;  
 SKULASON, Hjalti, 341 Valley Dairy Road, Buellton, CA 93427, US [IS, US], for US only  
 AG CAPRIA, Mary, Ann, E.I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004094501 A2 20041104  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE ES FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK SL TJ TR TT UA UG UZ YU  
 RW (ARIPO): BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2004-US12564 A 20040422  
 PRAI US 2003-60/464,370 20030422  
 US 2003-10/669,494 20030924  
 US 2004-10/802,704 20040317  
 ICM C08G061-12  
 L5 ANSWER 2 OF 8 PCTFULL COPYRIGHT 2005 Univention on STN  
 AN 2004015025 PCTFULL ED 20040225 EW 200408  
 TIEN METALLIC COMPLEXES COVALENTLY BOUND TO CONJUGATED POLYMERS AND ELECTRONIC DEVICES CONTAINING SUCH COMPOSITIONS  
 TIFR COMPLEXES METALLIQUES LIES PAR COVALENCE A DES POLYMERES CONJUGUES ET DISPOSITIFS ELECTRONIQUES CONTENANT CES COMPOSITIONS  
 IN HERRON, Norman, 408 Apple Road, Newark, DE 19711, US;  
 LECLoux, Daniel, David, 555 Meadow View Drive, Buellton, CA 93427, US;  
 SIMMONS, Howard, E., III, 9 East Mozart Street, Wilmington, DE 19807, US;  
 PA UCKERT, Frank, P., 2106 Mount Calvary Road, Santa Barbara, CA 93105, US  
 E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE 19898, US [US, US]  
 AG CAPRIA, Mary, Ann, E. I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004015025 A1 20040219  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN

IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2003-US23690 A 20030729

PRAI US 2002-60/399,934 20020730

ICM C09K011-06

ICS H05B033-14; H01L051-20; H01L051-30; C08G061-02; C08G061-12

L5 ANSWER 3 OF 8 USPATFULL on STN

AN 2004:328222 USPATFULL

TI **Electroluminescent conjugated polymers**  
containing **phosphorescent** moieties and the application thereof  
in **LED**

IN Chen, Show-An, Hsinchu, TAIWAN, PROVINCE OF CHINA

Chen, Xiwen, Burnaby, CANADA

Liao, Jin-long, Hsinchu, TAIWAN, PROVINCE OF CHINA

Liang, Yongmin, Lanzhou, CHINA

Chen, Yen-Chun, Hsinchu, TAIWAN, PROVINCE OF CHINA

PA National Tsing Hua University, Hsinchu, TAIWAN, PROVINCE OF CHINA  
(non-U.S. corporation)

PI US 2004260047 A1 20041223

AI US 2003-735693 A1 20031216 (10)

PRAI TW 2003-9116457 20030617

DT Utility

FS APPLICATION

LN.CNT 746

INCL INCLM: 528/004.000

INCLS: 528/380.000; 528/423.000; 528/480.000

NCL NCLM: 528/004.000

NCLS: 528/380.000; 528/423.000; 528/480.000

IC [7]

ICM: C08G061-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 8 USPATFULL on STN

AN 2004:321642 USPATFULL

TI Water dispersible polythiophenes made with polymeric acid colloids

IN Hsu, Che-Hsiung, Wilmington, DE, UNITED STATES

Cao, Yong, Goleta, CA, UNITED STATES

Kim, Sunghan, Goleta, CA, UNITED STATES

Lecloux, Daniel David, Buellton, CA, UNITED STATES

Li, Huawen, Camarillo, CA, UNITED STATES

MacPherson, Charles Douglas, Santa Barbara, CA, UNITED STATES

Zhang, Chi, Goleta, CA, UNITED STATES

Skulason, Hjalti, Buellton, CA, UNITED STATES

PI US 2004254297 A1 20041216

AI US 2004-802704 A1 20040317 (10)

RLI Continuation-in-part of Ser. No. US 2003-669494, filed on 24 Sep 2003,  
PENDING

PRAI US 2003-464370P 20030422 (60)

DT Utility

FS APPLICATION

LN.CNT 1960

INCL INCLM: 525/054.200

INCLS: 525/535.000

NCL NCLM: 525/054.200

NCLS: 525/535.000

IC [7]

ICM: C08G063-91

ICS: C08G063-48

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 8 USPATFULL on STN

AN 2004:284262 USPATFULL  
TI Water dispersible polyanilines made with polymeric acid colloids for electronics applications  
IN Hsu, Che-Hsiung, Wilmington, DE, UNITED STATES  
Uckert, Frank P., Santa Barbara, CA, UNITED STATES  
PI US 2004222413 A1 20041111  
AI US 2004-803113 A1 20040317 (10)  
RLI Continuation-in-part of Ser. No. US 2003-669577, filed on 24 Sep 2003, PENDING  
PRAI US 2002-413203P 20020924 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1617  
INCL INCLM: 257/040.000  
INCLS: 428/917.000; 313/504.000; 313/506.000; 252/500.000; 252/510.000; 252/512.000; 252/519.330  
NCL NCLM: 257/040.000  
NCLS: 428/917.000; 313/504.000; 313/506.000; 252/500.000; 252/510.000; 252/512.000; 252/519.330  
IC [7]  
ICM: H01B001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 8 USPATFULL on STN  
AN 2004:265418 USPATFULL  
TI Electrically conducting organic polymer/nanoparticle composites and methods for use thereof  
IN Hsu, Che-Hsiung, Wilmington, DE, UNITED STATES  
PI US 2004206942 A1 20041021  
AI US 2004-804503 A1 20040319 (10)  
RLI Continuation-in-part of Ser. No. US 2003-670670, filed on 25 Sep 2003, PENDING Continuation-in-part of Ser. No. US 2003-669422, filed on 24 Sep 2003, PENDING  
PRAI US 2002-413114P 20020924 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1930  
INCL INCLM: 252/500.000  
NCL NCLM: 252/500.000  
IC [7]  
ICM: H01C001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 8 USPATFULL on STN  
AN 2004:94566 USPATFULL  
TI Metallic **complexes** covalently bound to **conjugated polymers** and electronic devices containing such compositions  
IN Herron, Norman, Newark, DE, UNITED STATES  
Simmons, Howard E., III, Wilmington, DE, UNITED STATES  
Lecloux, Daniel David, Buellton, CA, UNITED STATES  
Uckert, Frank P., Santa Barbara, CA, UNITED STATES  
PI US 2004072018 A1 20040415  
AI US 2003-625096 A1 20030722 (10)  
PRAI US 2002-399934P 20020730 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1378  
INCL INCLM: 428/690.000  
NCL NCLM: 428/690.000  
IC [7]  
ICM: B32B009-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 8 USPATFULL on STN  
AN 2003:50960 USPATFULL  
TI Image making medium  
IN Hyman, Sydney, New York, NY, UNITED STATES  
PI US 2003035917 A1 20030220

AI US 2002-170503 A1 20020614 (10)  
RLI Continuation of Ser. No. US 2002-12259, filed on 14 Jun 2002, PENDING  
Continuation-in-part of Ser. No. WO 2000-US161111, filed on 12 Jun 2000,  
UNKNOWN  
PRAI US 1999-138694P 19990611 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 24304  
INCL INCLM: 428/067.000  
INCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000  
NCL NCLM: 428/067.000  
NCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000  
IC [7]  
ICM: B44C001-26  
ICS: C08L001-00; C08J003-00; B44C003-12; D06N007-04; B32B019-00;  
B44C001-00; B32B009-00; B32B001-00; B44C001-28; C08K005-34  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

\* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 14:21:14 ON 23 MAY 2005

=> file pnttext

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'EPFULL' ENTERED AT 14:21:25 ON 23 MAY 2005

COPYRIGHT (C) 2005 European Patent Office / FIZ Karlsruhe

FILE 'FRFULL' ENTERED AT 14:21:25 ON 23 MAY 2005

COPYRIGHT (C) 2005 Univentio

FILE 'GBFULL' ENTERED AT 14:21:25 ON 23 MAY 2005

COPYRIGHT (C) 2005 Univentio

FILE 'PATDPAFULL' ENTERED AT 14:21:25 ON 23 MAY 2005

COPYRIGHT (C) 2005 DPMA

FILE 'PCTFULL' ENTERED AT 14:21:25 ON 23 MAY 2005

COPYRIGHT (C) 2005 Univentio

FILE 'RDISCLOSURE' ENTERED AT 14:21:25 ON 23 MAY 2005

COPYRIGHT (C) 2005 Kenneth Mason Publications Ltd.

FILE 'USPATFULL' ENTERED AT 14:21:25 ON 23 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 14:21:25 ON 23 MAY 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (light emitting diode# or LED) and phosphorescent

4 FILES SEARCHED...

L1 3138 (LIGHT EMITTING DIODE# OR LED) AND PHOSPHORESCENT

=> s l1 and positive and negative and electrode

L2 442 L1 AND POSITIVE AND NEGATIVE AND ELECTRODE

=> s l2 and side chain#

5 FILES SEARCHED...

L3 73 L2 AND SIDE CHAIN#

=> s l3 and light emitting layer#

5 FILES SEARCHED...

L4 21 L3 AND LIGHT EMITTING LAYER#

=> s l4 and electron transporting layer#

L5 5 L4 AND ELECTRON TRANSPORTING LAYER#

=> s l5 and hole injection layer#

6 FILES SEARCHED...

L6 2 L5 AND HOLE INJECTION LAYER#

=> d l6 1-2

L6 ANSWER 1 OF 2 PCTFULL COPYRIGHT 2005 Univentio on STN

AN 2004108857 PCTFULL ED 20041220 EW 200451

TIEN ORGANIC ELECTROLUMINESCENT DEVICES AND METAL COMPLEX COMPOUNDS

TIFR DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES ET COMPOSES DE COMPLEXES  
METALLIQUES

IN NII, Kazumi, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];

WATANABE, Kousuke, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];

IGARASHI, Tatsuya, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];

ICHIJIMA, Seiji, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];  
 ISE, Toshihiro, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP]  
 PA FUJI PHOTO FILM CO., LTD., No. 210 Nakanuma, Minami-ashigara-shi,  
 Kanagawa 2500193, JP [JP, JP], for all designates States except US;  
 NII, Kazumi, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 WATANABE, Kousuke, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 IGARASHI, Tatsuya, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 ICHIJIMA, Seiji, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 ISE, Toshihiro, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only  
 AG IIDA, Toshizo, Ishii Bldg. 3f, 1-10, Shimbashi 3-chome, Minato-ku, Tokyo  
 1050004, JP  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004108857 A1 20041216  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE  
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
 ZW  
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
 FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK  
 SL TJ TR TT UA UG UZ YU  
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2004-JP7882 A 20040601  
 PRAI JP 2003-2003-157006 20030602  
 JP 2004-2004-092274 20040326  
 ICM C09K011-06  
 ICS H05B033-14; C07F015-00; C07D213-53; C07D213-74; C07D471-04; C07D207-20

L6 ANSWER 2 OF 2 USPATFULL on STN  
 AN 2004:328222 USPATFULL  
 TI Electroluminescent conjugated polymers containing **phosphorescent**  
 moieties and the application thereof in **LED**  
 IN Chen, Show-An, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 Chen, Xiwen, Burnaby, CANADA  
 Liao, Jin-long, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 Liang, Yongmin, Lanzhou, CHINA  
 Chen, Yen-Chun, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 PA National Tsing Hua University, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 (non-U.S. corporation)  
 PI US 2004260047 A1 20041223  
 AI US 2003-735693 A1 20031216 (10)  
 PRAI TW 2003-9116457 20030617  
 DT Utility  
 FS APPLICATION  
 LN.CNT 746  
 INCL INCLM: 528/004.000  
 INCLS: 528/380.000; 528/423.000; 528/480.000  
 NCL NCLM: 528/004.000  
 NCLS: 528/380.000; 528/423.000; 528/480.000  
 IC [7]  
 ICM: C08G061-00  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 15 1-5

L5 ANSWER 1 OF 5 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

AN 2003:113072 EPFULL UP 20050302

DUPD 20050302 DUPW 200509

TIEN Planar light source and display device using the same.

TIFR Source lumineuse plane et dispositif d'affichage l'utilisant.

TIDE Planare Lichtquelle und diese verwendende Anzeigevorrichtung.

IN Nakamura, Toshitaka, Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi Osaka, JP;

Miyatake, Minoru, Nitto Denko Corporation, 1-2, Shimohozumi 1-chome, Ibaraki-shi Osaka, JP

PA NITTO DENKO CORPORATION, 1-2, Shimohozumi 1-chome Ibaraki-shi, Osaka, JP

PAN 301873

AG Gruenecker, Kinkeldey, Stockmair & Schwanhaeusser Anwaltssozietat, Maximilianstrasse 58, 80538 Muenchen, DE

AGN 100721

LAF English

LA English

LAP English

TL German; English; French

DT Patent

PIT EPA2 Application published without search report

PI EP 1434283 A2 20040630

DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

AI EP 2003-29942 A 20031229

PRAI JP 2002-377141 A 20021226

IC.VER 7

ICM H01L051-20

L5 ANSWER 2 OF 5 PCTFULL COPYRIGHT 2005 Univentio on STN

AN 2004108857 PCTFULL ED 20041220 EW 200451

TIEN ORGANIC ELECTROLUMINESCENT DEVICES AND METAL COMPLEX COMPOUNDS

TIFR DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES ET COMPOSES DE COMPLEXES METALLIQUES

IN NII, Kazumi, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];

WATANABE, Kousuke, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];

IGARASHI, Tatsuya, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];

ICHIJIMA, Seiji, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];

ISE, Toshihiro, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP]

PA FUJI PHOTO FILM CO., LTD., No. 210 Nakanuma, Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for all designates States except US;

NII, Kazumi, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;

WATANABE, Kousuke, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;

IGARASHI, Tatsuya, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;

ICHIJIMA, Seiji, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;

ISE, Toshihiro, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,

Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only

AG IIDA, Toshizo, Ishii Bldg. 3f, 1-10, Shimbashi 3-chome, Minato-ku, Tokyo 1050004, JP

LAF English

LA English

DT Patent

PI WO 2004108857 A1 20041216

DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR



CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE  
SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW

W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK  
SL TJ TR TT UA UG UZ YU

RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

RW (EAPO): AM AZ BY KG KZ MD RU TJ TM

RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PL PT RO SE SI SK TR

RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2004-JP7882 A 20040601

PRAI JP 2003-2003-157006 20030602

JP 2004-2004-092274 20040326

ICM C09K011-06

ICS H05B033-14; C07F015-00; C07D213-53; C07D213-74; C07D471-04; C07D207-20

L5 ANSWER 3 OF 5 USPATFULL on STN

AN 2004:328222 USPATFULL

TI Electroluminescent conjugated polymers containing **phosphorescent**  
moieties and the application thereof in **LED**

IN Chen, Show-An, Hsinchu, TAIWAN, PROVINCE OF CHINA

Chen, Xiwen, Burnaby, CANADA

Liao, Jin-long, Hsinchu, TAIWAN, PROVINCE OF CHINA

Liang, Yongmin, Lanzhou, CHINA

Chen, Yen-Chun, Hsinchu, TAIWAN, PROVINCE OF CHINA

PA National Tsing Hua University, Hsinchu, TAIWAN, PROVINCE OF CHINA  
(non-U.S. corporation)

PI US 2004260047 A1 20041223

AI US 2003-735693 A1 20031216 (10)

PRAI TW 2003-9116457 20030617

DT Utility

FS APPLICATION

LN.CNT 746

INCL INCLM: 528/004.000

INCLS: 528/380.000; 528/423.000; 528/480.000

NCL NCLM: 528/004.000

NCLS: 528/380.000; 528/423.000; 528/480.000

IC [7]

ICM: C08G061-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 5 USPATFULL on STN

AN 2004:301926 USPATFULL

TI Electroluminescent device containing organometallic compound with  
tridentate ligand

IN Sowinski, Allan F., Rochester, NY, United States

Deaton, Joseph C., Rochester, NY, United States

Huo, Shouquan, Webster, NY, United States

PA Eastman Kodak Company, Rochester, NY, United States (U.S. corporation)

PI US 6824895 B1 20041130

AI US 2003-729246 20031205 (10)

DT Utility

FS GRANTED

LN.CNT 1439

INCL INCLM: 428/690.000

INCLS: 428/917.000; 313/504.000; 313/506.000

NCL NCLM: 428/690.000

NCLS: 313/504.000; 313/506.000; 428/917.000

IC [7]

ICM: H05B033-14

EXF 428/690; 428/917; 313/504; 313/506; 252/301.16

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 5 USPATFULL on STN

.AN 2004:238161 USPATFULL  
 TI Planar light source and display device using the same  
 IN Nakamura, Toshitaka, Ibaraki-shi, JAPAN  
 Miyatake, Minoru, Ibaraki-shi, JAPAN  
 PA NITTO DENKO CORPORATION (non-U.S. corporation)  
 PI US 2004183963 A1 20040923  
 AI US 2003-742785 A1 20031223 (10)  
 PRAI JP 2002-377141 20021226  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1506  
 INCL INCLM: 349/069.000  
 INCLS: 349/112.000  
 NCL NCLM: 349/069.000  
 NCLS: 349/112.000  
 IC [7]  
 ICM: G02F001-1335  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 14 1-21

L4 ANSWER 1 OF 21 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

AN 2003:113072 EPFULL UP 20050302  
 DUPD 20050302 DUPW 200509  
 TIEN Planar light source and display device using the same.  
 TIFR Source lumineuse plane et dispositif d'affichage l'utilisant.  
 TIDE Planare Lichtquelle und diese verwendende Anzeigevorrichtung.  
 IN Nakamura, Toshitaka, Nitto Denko Corporation, 1-2, Shimohozumi 1-chome,  
 Ibaraki-shi Osaka, JP;  
 Miyatake, Minoru, Nitto Denko Corporation, 1-2, Shimohozumi 1-chome,  
 Ibaraki-shi Osaka, JP  
 PA NITTO DENKO CORPORATION, 1-2, Shimohozumi 1-chome Ibaraki-shi, Osaka,  
 JP  
 PAN 301873  
 AG Gruenecker, Kinkeldey, Stockmair & Schwanhaeusser Anwaltssozietat,  
 Maximilianstrasse 58, 80538 Muenchen, DE  
 AGN 100721  
 LAF English  
 LA English  
 LAP English  
 TL German; English; French  
 DT Patent  
 PIT EPA2 Application published without search report  
 PI EP 1434283 A2 20040630  
 DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE  
 SI SK TR  
 AI EP 2003-29942 A 20031229  
 PRAI JP 2002-377141 A 20021226  
 IC.VER 7  
 ICM H01L051-20

L4 ANSWER 2 OF 21 EPFULL COPYRIGHT 2005 EPO/FIZ KA on STN

AN 2003:101617 EPFULL  
 DUPD 20040602 DUPW 200423  
 TIEN Organic electroluminescence cell, planar light source and display device.  
 TIFR Cellule electroluminescente organique, source de lumiere planaire et  
 dispositif d'affichage.  
 TIDE Organische elektrolumineszente Zelle, planare Lichtquelle und  
 Anzeigevorrichtung.  
 IN Nakamura, Toshitaka, Nitto Denko Corporation 1-2, Shimohozumi 1-chome,  
 Ibaraki-shi Osaka, JP;  
 Miyatake, Minoru, Nitto Denko Corporation 1-2, Shimohozumi 1-chome,  
 Ibaraki-shi Osaka, JP;  
 Nakano, Shusaku, Nitto Denko Corporation 1-2, Shimohozumi 1-chome,  
 Ibaraki-shi Osaka, JP

PA NITTO DENKO CORPORATION, 1-2, Shimohozumi 1-chome Ibaraki-shi, Osaka,  
 JP  
 PAN 301873  
 AG Gruenecker, Kinkeldey, Stockmair & Schwanhaeusser Anwaltssozietat,  
 Maximilianstrasse 58, 80538 Muenchen, DE  
 AGN 100721  
 LAF English  
 LA English  
 LAP English  
 TL German; English; French  
 DT Patent  
 PIT EPA2 Application published without search report  
 PI EP 1424739 A2 20040602  
 DS AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE  
 SI SK TR  
 AI EP 2003-27348 A 20031126  
 PRAI JP 2002-341821 A 20021126  
 JP 2003-80 A 20030106  
 JP 2003-62554 A 20030307  
 JP 2003-280576 A 20030728  
 IC.VER 7  
 ICM H01L051-20  
  
 L4 ANSWER 3 OF 21 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2004108857 PCTFULL ED 20041220 EW 200451  
 TIEN ORGANIC ELECTROLUMINESCENT DEVICES AND METAL COMPLEX COMPOUNDS  
 TIFR DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES ET COMPOSES DE COMPLEXES  
 METALLIQUES  
 IN NII, Kazumi, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];  
 WATANABE, Kousuke, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];  
 IGARASHI, Tatsuya, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];  
 ICHIJIMA, Seiji, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP];  
 ISE, Toshihiro, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP]  
 PA FUJI PHOTO FILM CO., LTD., No. 210 Nakanuma, Minami-ashigara-shi,  
 Kanagawa 2500193, JP [JP, JP], for all designates States except US;  
 NII, Kazumi, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 WATANABE, Kousuke, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 IGARASHI, Tatsuya, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 ICHIJIMA, Seiji, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only;  
 ISE, Toshihiro, c/o Fuji Photo Film Co., Ltd., 210, Nakanuma,  
 Minami-ashigara-shi, Kanagawa 2500193, JP [JP, JP], for US only  
 AG IIDA, Toshizo, Ishii Bldg. 3f, 1-10, Shimbashi 3-chome, Minato-ku, Tokyo  
 1050004, JP  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004108857 A1 20041216  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
 CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID  
 IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE  
 SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM  
 ZW  
 W-U: AE AL AM AT AZ BG BR BY BZ CN CO CR CZ DE DK EC EE EG ES  
 FI GE HU JP KE KG KP KR KZ LS MD MX MZ NI PH PL PT RU SK  
 SL TJ TR TT UA UG UZ YU  
 RW (ARIPO): BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 RW-U (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2004-JP7882 A 20040601  
 PRAI JP 2003-2003-157006 20030602  
 JP 2004-2004-092274 20040326  
 ICM C09K011-06  
 ICS H05B033-14; C07F015-00; C07D213-53; C07D213-74; C07D471-04; C07D207-20  
  
 L4 ANSWER 4 OF 21 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2004015025 PCTFULL ED 20040225 EW 200408  
 TIEN METALLIC COMPLEXES COVALENTLY BOUND TO CONJUGATED POLYMERS AND  
 ELECTRONIC DEVICES CONTAINING SUCH COMPOSITIONS  
 TIFR COMPLEXES METALLIQUES LIES PAR COVALENCE A DES POLYMERES CONJUGUES ET  
 DISPOSITIFS ELECTRONIQUES CONTENANT CES COMPOSITIONS  
 IN HERRON, Norman, 408 Apple Road, Newark, DE 19711, US;  
 LECLOUX, Daniel, David, 555 Meadow View Drive, Buellton, CA 93427, US;  
 SIMMONS, Howard, E., III, 9 East Mozart Street, Wilmington, DE 19807,  
 US;  
 UCKERT, Frank, P., 2106 Mount Calvary Road, Santa Barbara, CA 93105, US  
 PA E. I. DU PONT DE NEMOURS AND COMPANY, 1007 Market Street, Wilmington, DE  
 19898, US [US, US]  
 AG CAPRIA, Mary, Ann, E. I. Du Pont De Nemours And Company, Legal Patent  
 Records Center, 4417 Lancaster Pike, Wilmington, DE 19805, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2004015025 A1 20040219  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
 NL PT RO SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2003-US23690 A 20030729  
 PRAI US 2002-60/399,934 20020730  
 ICM C09K011-06  
 ICS H05B033-14; H01L051-20; H01L051-30; C08G061-02; C08G061-12  
  
 L4 ANSWER 5 OF 21 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2003061008 PCTFULL ED 20030731 EW 200330  
 TIEN SCANNING DISPLAY  
 TIFR DISPOSITIF DE BALAYAGE  
 IN HUIBERTS, Johannes, N., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL [NL,  
 NL];  
 SEMPEL, Adrianus, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL [NL, NL];  
 SNIJDER, Pieter, J., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL [NL,  
 NL];  
 VAN TONGEREN, Henricus, F., J., J., Prof. Holstlaan 6, NL-5656 AA  
 Eindhoven, NL [NL, NL];  
 LIEDENBAUM, Coen, T., H., F, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL  
 [NL, NL];  
 VAN DE WALLE, Gerjan, F., A., Prof. Holstlaan 6, NL-5656 AA Eindhoven,  
 NL [NL, NL]  
 PA KONINKLIJKE PHILIPS ELECTRONICS N.V., Groenewoudseweg 1, NL-5621 BA  
 Eindhoven, NL [NL, NL], for all designates States except US;  
 HUIBERTS, Johannes, N., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL [NL,  
 NL], for US only;  
 SEMPEL, Adrianus, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL [NL, NL],  
 for US only;  
 SNIJDER, Pieter, J., Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL [NL,  
 NL], for US only;  
 VAN TONGEREN, Henricus, F., J., J., Prof. Holstlaan 6, NL-5656 AA  
 Eindhoven, NL [NL, NL], for US only;

LIEDENBAUM, Coen, T., H., F, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL  
 [NL, NL], for US only;  
 VAN DE WALLE, Gerjan, F., A., Prof. Holstlaan 6, NL-5656 AA Eindhoven,  
 NL [NL, NL], for US only  
 AG DEGUELLE, Wilhelmus, H., G., internationaal Octrooibureau B.V., Prof.  
 Holstlaan 6, NL-5656 AA Eindhoven, NL  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2003061008 A1 20030724  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM  
 TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL  
 PT SE SI SK TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2002-IB5717 A 20021223  
 PRAI EP 2002-02075200.2 20020117  
 ICM H01L027-00  
 ICS G09G003-32; H04N001-028  
  
 L4 ANSWER 6 OF 21 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2002094910 PCTFULL ED 20021210 EW 200248  
 TIEN ELECTROLUMINESCENT POLYMERS AND USE THEREOF IN LIGHT-EMITTING DEVICES  
 TIFR POLYMERES ELECTROLUMINESCENTS ET LEUR UTILISATION DANS DES DISPOSITIFS  
 EMETTANT DE LA LUMIERE  
 IN PEI, Qibing, 46170 Paseo Padre Parkway, Fremont, CA 94539, US  
 PA SRI INTERNATIONAL, 333 Ravenswood Avenue, Menlo Park, CA 94025-3493, US  
 [US, US]  
 AG REED, Dianne, E., Reed & Associates, 800 Menlo Avenue, Suite 210, Menlo  
 Park, CA 94025, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2002094910 A1 20021128  
 DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM  
 TN TR TT TZ UA UG UZ VN YU ZA ZM ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
 AI WO 2002-US16180 A 20020522  
 PRAI US 2001-09/864,704 20010523  
 ICM C08G073-00  
  
 L4 ANSWER 7 OF 21 PCTFULL COPYRIGHT 2005 Univentio on STN  
 AN 2002058110 PCTFULL ED 20020801 EW 200230  
 TIEN IMPROVED PERFORMANCE OF ORGANIC LIGHT-EMITTING DEVICES USING  
 SPIN-DEPENDENT PROCESSES  
 TIFR RENDEMENT AMELIORE DE DISPOSITIFS ORGANIQUES ELECTROLUMINESCENTS METTANT  
 EN OEUVRE DES PROCESSUS DEPENDANTS DE SPIN  
 IN VARDENY, Z., Valy, 4074 Mount Olympus Way, Salt Lake City, UT 84124, US;  
 WOHLGENANNT, Markus, 150 South Wasatch Dr., Salt Lake City, UT 84112, US  
 PA UNIVERSITY OF UTAH, Technology Transfer Office, Suite 110, 615 Arapeen  
 Drive, Salt Lake City, UT 84108, US [US, US]  
 AG POSA, John, G., Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski,  
 PC, Suite 400, 280 N. Old Woodward Avenue, Birmingham, MI 48009, US  
 LAF English  
 LA English  
 DT Patent  
 PI WO 2002058110 A2 20020725

DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU  
 CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN  
 MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR  
 TT TZ UA UG UZ VN YU ZA ZW  
 RW (ARIPO): GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
 RW (EAPO): AM AZ BY KG KZ MD RU TJ TM  
 RW (EPO): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
 RW (OAPI): BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

AI WO 2002-US1381 A 20020116  
 PRAI US 2001-60/261,368 20010116  
 US 2002-60/261,368 20020115  
 ICM H01L

L4 ANSWER 8 OF 21 USPATFULL on STN  
 AN 2005:122123 USPATFULL  
 TI Scanning display  
 IN Huiberts, Johannes Nicolaas, Eindhoven, NETHERLANDS  
 Sempel, Adrianus, Eindhoven, NETHERLANDS  
 Snijder, Pieter Jacob, Eindhoven, NETHERLANDS  
 Johannus Jacobus Van Tongeren, Henricus Franciscus, Eindhoven,  
 NETHERLANDS  
 Hubertus Fransiscus Liedenbaum, Coen Theodorus, Eindhoven, NETHERLANDS  
 Van De Walle, Gerjan Franciscus Arthur, Eindhoven, NETHERLANDS  
 PA Koninklijke Philips Electronics N.V. (non-U.S. corporation)  
 PI US 2005104507 A1 20050519  
 AI US 2003-501417 A1 20021223 (10)  
 WO 2002-IB5717 20021223  
 PRAI EP 2003-2075200 20020117  
 DT Utility  
 FS APPLICATION  
 LN.CNT 673  
 INCL INCLM: 313/500.000  
 NCL NCLM: 313/500.000  
 IC [7]  
 ICM: H01J001-62  
 ICS: H01J063-04

L4 ANSWER 9 OF 21 USPATFULL on STN  
 AN 2004:328222 USPATFULL  
 TI Electroluminescent conjugated polymers containing **phosphorescent**  
 moieties and the application thereof in **LED**  
 IN Chen, Show-An, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 Chen, Xiwen, Burnaby, CANADA  
 Liao, Jin-long, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 Liang, Yongmin, Lanzhou, CHINA  
 Chen, Yen-Chun, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 PA National Tsing Hua University, Hsinchu, TAIWAN, PROVINCE OF CHINA  
 (non-U.S. corporation)  
 PI US 2004260047 A1 20041223  
 AI US 2003-735693 A1 20031216 (10)  
 PRAI TW 2003-9116457 20030617  
 DT Utility  
 FS APPLICATION  
 LN.CNT 746  
 INCL INCLM: 528/004.000  
 INCLS: 528/380.000; 528/423.000; 528/480.000  
 NCL NCLM: 528/004.000  
 NCLS: 528/380.000; 528/423.000; 528/480.000  
 IC [7]  
 ICM: C08G061-00  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 10 OF 21 USPATFULL on STN  
 AN 2004:301926 USPATFULL  
 TI Electroluminescent device containing organometallic compound with  
 tridentate ligand  
 IN Sowinski, Allan F., Rochester, NY, United States

Deaton, Joseph C., Rochester, NY, United States  
Huo, Shouquan, Webster, NY, United States  
PA Eastman Kodak Company, Rochester, NY, United States (U.S. corporation)  
PI US 6824895 B1 20041130  
AI US 2003-729246 20031205 (10)  
DT Utility  
FS GRANTED  
LN.CNT 1439  
INCL INCLM: 428/690.000  
INCLS: 428/917.000; 313/504.000; 313/506.000  
NCL NCLM: 428/690.000  
NCLS: 313/504.000; 313/506.000; 428/917.000  
IC [7]  
ICM: H05B033-14  
EXF 428/690; 428/917; 313/504; 313/506; 252/301.16  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 11 OF 21 USPATFULL on STN  
AN 2004:284262 USPATFULL  
TI Water dispersible polyanilines made with polymeric acid colloids for electronics applications  
IN Hsu, Che-Hsiung, Wilmington, DE, UNITED STATES  
Uckert, Frank P., Santa Barbara, CA, UNITED STATES  
PI US 2004222413 A1 20041111  
AI US 2004-803113 A1 20040317 (10)  
RLI Continuation-in-part of Ser. No. US 2003-669577, filed on 24 Sep 2003, PENDING  
PRAI US 2002-413203P 20020924 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1617  
INCL INCLM: 257/040.000  
INCLS: 428/917.000; 313/504.000; 313/506.000; 252/500.000; 252/510.000; 252/512.000; 252/519.330  
NCL NCLM: 257/040.000  
NCLS: 428/917.000; 313/504.000; 313/506.000; 252/500.000; 252/510.000; 252/512.000; 252/519.330  
IC [7]  
ICM: H01B001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 12 OF 21 USPATFULL on STN  
AN 2004:265418 USPATFULL  
TI Electrically conducting organic polymer/nanoparticle composites and methods for use thereof  
IN Hsu, Che-Hsiung, Wilmington, DE, UNITED STATES  
PI US 2004206942 A1 20041021  
AI US 2004-804503 A1 20040319 (10)  
RLI Continuation-in-part of Ser. No. US 2003-670670, filed on 25 Sep 2003, PENDING Continuation-in-part of Ser. No. US 2003-669422, filed on 24 Sep 2003, PENDING  
PRAI US 2002-413114P 20020924 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1930  
INCL INCLM: 252/500.000  
NCL NCLM: 252/500.000  
IC [7]  
ICM: H01C001-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 13 OF 21 USPATFULL on STN  
AN 2004:252448 USPATFULL  
TI Organic electroluminescence cell, planar light source and display device  
IN Nakamura, Toshitaka, Ibaraki-shi, JAPAN  
Miyatake, Minoru, Ibaraki-shi, JAPAN  
Nakano, Shusaku, Ibaraki-shi, JAPAN  
PA NITTO DENKO CORPORATION (non-U.S. corporation)

PI US 2004195962 A1 20041007  
AI US 2003-721269 A1 20031126 (10)  
PRAI JP 2002-341821 20021126  
JP 2003-80 20030106  
JP 2003-62554 20030307  
JP 2003-280576 20030128

DT Utility  
FS APPLICATION  
LN.CNT 2954

INCL INCLM: 313/504.000  
INCLS: 313/506.000  
NCL NCLM: 313/504.000  
NCLS: 313/506.000

IC [7]  
ICM: H05B033-00  
ICS: H01J001-62

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 14 OF 21 USPATFULL on STN  
AN 2004:238161 USPATFULL  
TI Planar light source and display device using the same  
IN Nakamura, Toshitaka, Ibaraki-shi, JAPAN  
Miyatake, Minoru, Ibaraki-shi, JAPAN  
PA NITTO DENKO CORPORATION (non-U.S. corporation)

PI US 2004183963 A1 20040923  
AI US 2003-742785 A1 20031223 (10)  
PRAI JP 2002-377141 20021226

DT Utility  
FS APPLICATION  
LN.CNT 1506

INCL INCLM: 349/069.000  
INCLS: 349/112.000  
NCL NCLM: 349/069.000  
NCLS: 349/112.000

IC [7]  
ICM: G02F001-1335

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 15 OF 21 USPATFULL on STN  
AN 2004:94566 USPATFULL  
TI Metallic complexes covalently bound to conjugated polymers and  
electronic devices containing such compositions  
IN Herron, Norman, Newark, DE, UNITED STATES  
Simmons, Howard E., III, Wilmington, DE, UNITED STATES  
Lecloux, Daniel David, Buellton, CA, UNITED STATES  
Uckert, Frank P., Santa Barbara, CA, UNITED STATES

PI US 2004072018 A1 20040415  
AI US 2003-625096 A1 20030722 (10)  
PRAI US 2002-399934P 20020730 (60)

DT Utility  
FS APPLICATION  
LN.CNT 1378

INCL INCLM: 428/690.000  
NCL NCLM: 428/690.000

IC [7]  
ICM: B32B009-00

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 16 OF 21 USPATFULL on STN  
AN 2003:50960 USPATFULL  
TI Image making medium  
IN Hyman, Sydney, New York, NY, UNITED STATES

PI US 2003035917 A1 20030220  
AI US 2002-170503 A1 20020614 (10)

RLI Continuation of Ser. No. US 2002-12259, filed on 14 Jun 2002, PENDING  
Continuation-in-part of Ser. No. WO 2000-US16111, filed on 12 Jun 2000,  
UNKNOWN

PRAI US 1999-138694P 19990611 (60)



DT Utility  
FS APPLICATION  
LN.CNT 24304  
INCL INCLM: 428/067.000  
INCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000  
NCL NCLM: 428/067.000  
NCLS: 524/106.000; 428/141.000; 428/690.000; 156/058.000  
IC [7]  
ICM: B44C001-26  
ICS: C08L001-00; C08J003-00; B44C003-12; D06N007-04; B32B019-00;  
B44C001-00; B32B009-00; B32B001-00; B44C001-28; C08K005-34  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 17 OF 21 USPATFULL on STN  
AN 2003:18086 USPATFULL  
TI Electroluminescent polymers and use thereof in light-emitting devices  
IN Pei, Qibing, Fremont, CA, UNITED STATES  
PI US 2003013843 A1 20030116  
US 6800722 B2 20041005  
AI US 2002-153229 A1 20020521 (10)  
RLI Continuation-in-part of Ser. No. US 2001-864704, filed on 23 May 2001,  
PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 1600  
INCL INCLM: 528/422.000  
NCL NCLM: 528/423.000  
NCLS: 428/690.000; 428/917.000; 528/422.000; 528/486.000  
IC [7]  
ICM: C08G073-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 18 OF 21 USPATFULL on STN  
AN 2002:338181 USPATFULL  
TI Conjugated electroluminescent polymers and associated methods of  
preparation and use  
IN Pei, Qibing, Fremont, CA, UNITED STATES  
PI US 2002193551 A1 20021219  
US 6723828 B2 20040420  
AI US 2001-864704 A1 20010523 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 1529  
INCL INCLM: 528/086.000  
INCLS: 528/211.000; 528/422.000; 528/423.000; 528/486.000; 525/242.000;  
544/001.000; 428/690.000; 428/917.000  
NCL NCLM: 528/422.000  
NCLS: 428/690.000; 428/917.000; 528/423.000; 528/486.000  
IC [7]  
ICM: C08G073-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 19 OF 21 USPATFULL on STN  
AN 2002:177231 USPATFULL  
TI Performance of organic light-emitting devices using spin-dependent  
processees  
IN Vardeny, Z. Vally, Salt Lake City, UT, UNITED STATES  
Wohlgenannt, Markus, Salt Lake City, UT, UNITED STATES  
PI US 2002093006 A1 20020718  
AI US 2002-47688 A1 20020115 (10)  
PRAI US 2001-261368P 20010116 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 590  
INCL INCLM: 252/301.160  
NCL NCLM: 252/301.160  
IC [7]  
ICM: C09K011-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 20 OF 21 USPAT2 on STN  
AN 2003:18086 USPAT2  
TI Electroluminescent polymers and use thereof in light-emitting devices  
IN Pei, Qibing, Fremont, CA, United States  
PA SRI International, Menlo Park, CA, United States (U.S. corporation)  
PI US 6800722 B2 20041005  
AI US 2002-153229 20020521 (10)  
RLI Continuation-in-part of Ser. No. US 2001-864704, filed on 23 May 2001,  
now patented, Pat. No. US 6723828  
DT Utility  
FS GRANTED  
LN.CNT 1702  
INCL INCLM: 528/423.000  
INCLS: 528/422.000; 528/486.000; 428/690.000; 428/917.000  
NCL NCLM: 528/423.000  
NCLS: 428/690.000; 428/917.000; 528/422.000; 528/486.000  
IC [7]  
ICM: C08G073-00  
ICS: C08G073-06  
EXF 528/423; 528/422; 528/486; 428/696; 428/917  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 21 OF 21 USPAT2 on STN  
AN 2002:338181 USPAT2  
TI Conjugated electroluminescent polymers and associated methods of  
preparation and use  
IN Pei, Qibing, Fremont, CA, United States  
PA SRI International, Menlo Park, CA, United States (U.S. corporation)  
PI US 6723828 B2 20040420  
AI US 2001-864704 20010523 (9)  
DT Utility  
FS GRANTED  
LN.CNT 1564  
INCL INCLM: 528/422.000  
INCLS: 528/423.000; 528/486.000; 428/690.000; 428/917.000  
NCL NCLM: 528/422.000  
NCLS: 428/690.000; 428/917.000; 528/423.000; 528/486.000  
IC [7]  
ICM: C08G073-00  
ICS: C08G073-06  
EXF 528/422; 528/423; 528/486; 528/373; 428/690; 428/917; 544/1  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=>

Day : Monday  
Date: 5/23/2005


**PALM INTRANET**

Time: 14:06:41

**Inventor Name Search Result**

Your Search was:

Last Name = CHEN

First Name = SHOW

Application#	Patent#	Status	Date Filed	Title	Inventor Name 23
<u>60181784</u>	Not Issued	159	02/11/2000	GENE THERAPY FOR CERVICAL CANCER	CHEN, SHOW-LI
<u>60181782</u>	Not Issued	159	02/11/2000	GENE THERAPY FOR ARTHRITIS	CHEN, SHOW-LI
<u>11011026</u>	Not Issued	019	12/15/2004	HUMAN TISSUE ANTIGEN- BINDING PEPTIDES AND THEIR AMINO ACID SEQUENCES	CHEN, SHOW-LI
<u>10735693</u>	Not Issued	071	12/16/2003	ELECTROLUMINESCENT CONJUGATED POLYMERS CONTAINING PHOSPHORESCENT MOIETIES AND THE APPLICATION THEREOF IN LED	CHEN, SHOW- AN
<u>10428789</u>	Not Issued	030	05/05/2003	METHOD FOR PREPARATION OF CHEMICALLY CROSSLINKED POLYACRYLONITRILE POLYMER ELECTROLYTE AS SEPARATOR FOR SECONDARY BATTERY	CHEN, SHOW - AN
<u>10295516</u>	<u>6693158</u>	150	11/15/2002	ELECTROLUMINISCENT CONJUGATED POLYMERS MODIFIED WITH HIGH ELETRONEGATIVE HETEROCYCLIC MOIETIES AND THEIR APPLICATIONS IN POLYMERIC LIGHT EMITTING DIODES	CHEN, SHOW- AN
<u>10264274</u>	Not Issued	061	10/03/2002	NON-AQUEOUS SECONDARY ORGANIC BATTERY	CHEN, SHOW- AN
<u>09480900</u>	<u>6495644</u>	150	01/11/2000	ELECTROLUMINISCENT CONJUGATED POLYMERS MODIFIED WITH HIGH ELETRONEGATIVE	CHEN, SHOW- AN

				HETEROCYCLIC MOIETIES AND THEIR APPLICATIONS IN POLYMERIC LIGHT EMITTING DIODES	
<u>08896732</u>	<u>5804649</u>	150	07/21/1997	WATER-SOLUBLE SELF-ACID-DOPED POLYANILINE, METHOD OF PERPARATION THEREOF, AND POLYMER BLENDS MADE THEREFORM	CHEN, SHOW-AN
<u>08825290</u>	<u>5849045</u>	150	03/27/1997	METHOD FOR PREPARING AND USING ELECTROCONDUCTIVE POLYMER COMPOSITES AS POSITIVE ELECTRODE ACTIVE MATERIALS TO PREPARE SECONDARY BATTERIES	CHEN, SHOW-AN
<u>08787329</u>	<u>5756601</u>	150	01/28/1997	PROCESS FOR THE PREPARATION OF N-ALKYLATED OR N-ALKOXYALKYLATED POLYANILINES SOLUBLE IN ORGANIC SOLVENTS HAVING LOW BOILING POINTS	CHEN, SHOW AN
<u>08787131</u>	<u>5821344</u>	150	01/22/1997	PREPARATION OF SELF-ACID-DOPED SULFONIC ACID RING-SUBSTITUTED POLYANILINE IN ITS AQUEOUS FORM, AND POLYMER BLENDS MADE THEREFROM	CHEN, SHOW-AN
<u>08779082</u>	<u>5863454</u>	150	01/06/1997	ELECTROCONDUCTIVE POLYMER COMPOSITES FOR USE IN SECONDARY BATTERIES AS POSITIVE ELECTRODE ACTIVE MATERIALS	CHEN, SHOW-AN
<u>08583867</u>	<u>5696206</u>	150	01/11/1996	METHOD FOR PREPARING PROCESSABLE POLYISOTHIANAPHTHENE	CHEN, SHOW-AN
<u>08508122</u>	Not Issued	161	07/27/1995	PROCESS FOR THE PREPARATION OF A PROCESSABLE ELECTRICALLY CONDUCTIVE COLLOIDAL POLYMER	CHEN, SHOW-AN
<u>08501593</u>	<u>5641859</u>	150	07/12/1995	WATER-SOLUBLE SELF-ACID-DOPED POLYANILINE, METHOD OF PREPARATION THEREOF, AND POLYMER BLENDS MADE THEREFROM	CHEN, SHOW-AN
<u>08427249</u>	<u>5510457</u>	150	04/24/1995	METHOD FOR PREPARING	CHEN, SHOW-

				PROCESSABLE POLYISOTHIANAPHTHENE	AN
<u>08410434</u>	<u>5667913</u>	150	03/23/1995	ELECTROCONDUCTIVE POLYMER COMPOSITES AS POSITIVE ELECTRODE ACTIVE MATERIALS IN SECONDARY BATTERIES	CHEN, SHOW- AN
<u>08320910</u>	Not Issued	161	10/11/1994	LENS-CHANGEABLE EYEGLASSES	CHEN, SHOW- JANE
<u>08214397</u>	<u>5571454</u>	150	03/16/1994	SOLUBLE AND PROCESSABLE DOPED ELECTRICALLY CONDUCTIVE POLYMER AND POLYMER BLEND THEREOF	CHEN, SHOW- AN
<u>08144290</u>	Not Issued	161	10/27/1993	PROCESS FOR THE PREPARATION OF A PROCESSABLE ELECTRICALLY CONDUCTIVE COLLOIDAL POLYMER	CHEN, SHOW- AN
<u>08103676</u>	<u>5314976</u>	150	08/10/1993	PHOTO-RESPONSIVE CONDUCTIVE POLYMERS AND THE PROCESSES OF MAKING THE SAME	CHEN, SHOW- AN
<u>07867460</u>	<u>5272234</u>	150	04/13/1992	PHOTO-RESPONSIVE CONDUCTIVE POLYMERS AND THE PROCESSES OF MAKING THE SAME	CHEN, SHOW- AN

Inventor Search Completed: No Records to Display.

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	
	Chen	Show	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday  
Date: 5/23/2005

Time: 14:07:15



## Inventor Name Search Result

Your Search was:

Last Name = CHEN

First Name = XIWEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 1
10735693	Not Issued	071	12/16/2003	ELECTROLUMINESCENT CONJUGATED POLYMERS CONTAINING PHOSPHORESCENT MOIETIES AND THE APPLICATION THEREOF IN LED	CHEN, XIWEN

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="Chen"/>	<input type="text" value="Xiwen"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday  
Date: 5/23/2005


**PALM INTRANET**

Time: 14:07:44

**Inventor Name Search Result**

Your Search was:

Last Name = LIAO

First Name = JIN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 18
<a href="#">60643932</a>	Not Issued	020	01/14/2005	SYNTHESIS OF HIMBACINE ANALOGS	LIAO, JING
<a href="#">60608675</a>	Not Issued	020	09/10/2004	SODIUM CHANNEL MODULATORS	LIAO, JINFANG
<a href="#">60460447</a>	Not Issued	159	04/04/2003	HIGH DEFINITION PLASMA DISPLAY	LIAO, JIN-WEN
<a href="#">60458304</a>	Not Issued	159	03/28/2003	PLASMA DISPLAY WITH CHANGEABLE MODULES	LIAO, JIN-WEN
<a href="#">60383363</a>	Not Issued	159	05/24/2002	LUMINOGENIC PROTEASE SUBSTRATES	LIAO, JINFANG
<a href="#">11116611</a>	Not Issued	020	04/29/2005	STEPLESS ADJUSTABLE STRUCTURE OF A BACKREST	LIAO, JIN-PING
<a href="#">10919009</a>	Not Issued	030	08/16/2004	TRANSFER DEVICE FOR IMPLEMENTING MULTI-PORT SERVICE CONVERGENCE AND METHOD THEREOF	LIAO, JINGLING
<a href="#">10894415</a>	Not Issued	020	07/16/2004	METHOD FOR ENCAPSULATING DATA STREAMS	LIAO, JINGLING
<a href="#">10813480</a>	Not Issued	020	03/29/2004	PLASMA DISPLAY WITH CHANGEABLE MODULES	LIAO, JIN-WEN
<a href="#">10813348</a>	Not Issued	030	03/29/2004	LIQUID CRYSTAL DISPLAY WITH CHANGEABLE MODULES	LIAO, JIN-WEN
<a href="#">10735693</a>	Not Issued	071	12/16/2003	ELECTROLUMINESCENT CONJUGATED POLYMERS CONTAINING PHOSPHORESCENT MOIETIES AND THE APPLICATION THEREOF IN LED	LIAO, JIN-LONG
<a href="#">10666514</a>	Not Issued	030	09/18/2003	APPARATUS AND METHOD FOR GUARD INTERVAL INSERTING/REMOVING IN AN	LIAO, JINGYI

				OFDM COMMUNICATION SYSTEM	
<u>10183740</u>	Not Issued	161	06/27/2002	SHIELDING STRUCTURE FOR PREVENTING ELECTROMAGNETIC INTERFERENCE OF EXTENSION MODULE	LIAO, JINNY-DYI
<u>10162471</u>	<u>6611427</u>	150	06/03/2002	FLEXIBLE FAN MODULE	LIAO, JINNY-DYI
<u>09577263</u>	<u>6296369</u>	150	05/10/2000	LAMP	LIAO, JIN-PO
<u>08271933</u>	<u>5465215</u>	150	07/07/1994	NUMERICAL CONTROL METHOD AND APPARATUS	LIAO, JING
<u>07855187</u>	<u>5291391</u>	150	03/20/1992	FAST PROGRAMMABLE SCAN LOGIC CONTROLLER METHOD AND APPARATUS	LIAO, JING

Inventor Search Completed: No Records to Display.

	<b>Last Name</b>	<b>First Name</b>	
<b>Search Another: Inventor</b>	<input type="text" value="Liao"/>	<input type="text" value="Jin"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)



Day : Monday  
Date: 5/23/2005

Time: 14:08:51



## Inventor Name Search Result

Your Search was:

Last Name = LIANG

First Name = YONGMIN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 1
10735693	Not Issued	071	12/16/2003	ELECTROLUMINESCENT CONJUGATED POLYMERS CONTAINING PHOSPHORESCENT MOIETIES AND THE APPLICATION THEREOF IN LED	LIANG, YONGMIN

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="Liang"/>	<input type="text" value="Yongmin"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Monday  
Date: 5/23/2005


**PALM INTRANET**

Time: 14:09:26

**Inventor Name Search Result**

Your Search was:

Last Name = CHEN

First Name = YEN

Application#	Patent#	Status	Date Filed	Title	Inventor Name 50
<a href="#">29223263</a>	Not Issued	030	02/14/2005	RECESSED ADJUSTABLE LIGHT FIXTURE	CHEN, YEN-CHANG
<a href="#">29217551</a>	Not Issued	030	11/19/2004	RECESSED ADJUSTABLE LIGHT FIXTURE	CHEN, YEN-CHANG
<a href="#">29187570</a>	<a href="#">D491902</a>	150	08/05/2003	PORTABLE MEDIA PLAYER	CHEN, YEN HSU
<a href="#">29132836</a>	<a href="#">D455342</a>	150	11/17/2000	PERFUME BOTTLE	CHEN, YEN CHANG
<a href="#">11099645</a>	Not Issued	020	04/06/2005	STRUCTURE OF EMBEDDED LAMP HAVING REPLACEABLE LIGHT BULB	CHEN, YEN-CHANG
<a href="#">11078344</a>	Not Issued	030	03/14/2005	SMD(SURFACE MOUNT DEVICE)-TYPE LIGHT EMITTING DIODE WITH HIGH HEAT DISSIPATION EFFICIENCY AND HIGH POWER	CHEN, YEN CHENG
<a href="#">11052914</a>	Not Issued	020	02/09/2005	LIQUID CRYSTAL ON SILICON (LCOS) DISPLAY DRIVING SYSTEM AND THE METHOD THEREOF	CHEN, YEN-CHEN
<a href="#">11039732</a>	Not Issued	020	01/20/2005	FOLDING TEXT	CHEN, YEN FU
<a href="#">11039532</a>	Not Issued	020	01/20/2005	FOLDING TEXT IN SIDE CONVERSATIONS	CHEN, YEN FU
<a href="#">11036979</a>	Not Issued	030	01/19/2005	OPTICAL SYSTEM, IMAGE PROJECTION APPARATUS AND METHOD THEREOF	CHEN, YEN-CHEN
<a href="#">10983228</a>	Not Issued	030	11/08/2004	DARK RING OF A MICRODISPLAY AND ITS DRIVING METHOD	CHEN, YEN-CHEN
<a href="#">10948203</a>	Not Issued	030	09/24/2004	SAFETY SWITCH CONTROL STRUCTURE	CHEN, YEN-CHANG

<u>10906327</u>	Not Issued	020	02/15/2005	LIQUID CRYSTAL DISPLAY OF IMPROVING DISPLAY COLOR CONTRAST EFFECT AND RELATED METHOD	CHEN, YEN- CHEN
<u>10844730</u>	Not Issued	030	05/13/2004	PROCESS AND SLURRY FOR CHEMICAL MECHANICAL POLISHING	CHEN, YEN LIANG
<u>10826063</u>	Not Issued	030	04/16/2004	DRIVING METHOD FOR CHOLESTERIC LIQUID CRYSTAL DISPLAY	CHEN, YEN- CHEN
<u>10813064</u>	Not Issued	030	03/31/2004	LCD TV AND PROJECTION- BASED BACKLIGHT SYSTEM USED THEREFOR	CHEN, YEN CHEN
<u>10765178</u>	Not Issued	041	01/28/2004	PROJECTION DISPLAY APPARATUS WITH TWO REFLECTIVE LIGHT PANELS	CHEN, YEN CHEN
<u>10738402</u>	Not Issued	030	12/17/2003	BIPOLAR PLATE FABRICATION BY ROLL BONDING	CHEN, YEN - LUNG
<u>10710346</u>	Not Issued	030	07/02/2004	[LIQUID CRYSTAL ON SILICON PANEL AND DRIVING METHOD THEREOF]	CHEN, YEN- CHEN
<u>10668983</u>	Not Issued	030	09/22/2003	DATA DRIVER FOR AN LCD PANEL	CHEN, YEN- CHEN
<u>10656259</u>	<u>6850305</u>	150	09/08/2003	LAYOUT STRUCTURE FOR A LIQUID CRYSTAL DISPLAY	CHEN, YEN- CHEN
<u>10354550</u>	Not Issued	092	01/29/2003	SINGLE POLAR DRIVING METHOD FOR CHOLESTERIC LIQUID CRYSTAL DISPLAYS	CHEN, YEN- CHEN
<u>10330297</u>	<u>6812409</u>	150	12/30/2002	LAYER ALLOCATING APPARATUS FOR MULTI- LAYER CIRCUIT BOARD	CHEN, YEN CHEN
<u>10302948</u>	Not Issued	071	11/25/2002	DRIVING CIRCUIT FOR LIQUID CRYSTAL DISPLAY AND METHOD FOR CONTROLLING THE SAME	CHEN, YEN CHEN
<u>10212077</u>	Not Issued	071	08/06/2002	APPARATUS FOR SWITCHING OUTPUT VOLTAGE SIGNALS	CHEN, YEN- CHEN
<u>10108438</u>	Not Issued	161	03/29/2002	CHEMICAL-MECHANICAL POLISHING COMPOSITION FOR METAL LAYERS	CHEN, YEN HENG
<u>10003217</u>	<u>6864489</u>	150	10/30/2001	METHOD OF DETECTING WEAR ON A SUBSTRATE USING A FLUORESCENT INDICATOR	CHEN, YEN LANE

<u>09972653</u>	Not Issued	161	10/09/2001	FACE MASK HAVING DEVICE FOR DRAWING AIR INTO THE MASK	CHEN, YEN LING
<u>09874303</u>	Not Issued	161	06/06/2001	EXTERNALLY CONNECTION TYPE USB2.0 INTERFACE FLASH CARD READER	CHEN, YEN-ANN
<u>09784229</u>	<u>6436751</u>	150	02/13/2001	FABRICATION METHOD AND STRUCTURE OF A FLASH MEMORY	CHEN, YEN- CHANG
<u>09683248</u>	<u>6521487</u>	150	12/05/2001	METHOD FOR MAKING A THYRISTOR	CHEN, YEN- CHANG
<u>09603813</u>	<u>6433766</u>	150	06/26/2000	DATA TRANSMISSION METHOD AND DEVICE FOR REDUCING THE ELECTROMAGNETIC INTERFERENCE INTENSITY OF A LIQUID CRYSTAL DISPLAY CIRCUIT	CHEN, YEN- CHEN
<u>09434860</u>	<u>6456353</u>	150	11/04/1999	DISPLAY DRIVER INTEGRATED CIRCUIT MODULE	CHEN, YEN- CHEN
<u>09418220</u>	<u>6201593</u>	150	10/14/1999	OPTICAL COMMUNICATION SYSTEM HAVING A LIQUID CRYSTAL ROUTING SWITCH	CHEN, YEN- CHEN
<u>09417600</u>	<u>6353467</u>	150	10/14/1999	ACUTE TWIST NEMATIC (ATN) LIQUID CRYSTAL DEVICE FOR OPTICAL COMMUNICATION APPLICATIONS	CHEN, YEN- CHEN
<u>09345962</u>	<u>6611247</u>	150	07/01/1999	DATA TRANSFER SYSTEM AND METHOD FOR MULTI- LEVEL SIGNAL OF MATRIX DISPLAY	CHEN, YEN- CHEN
<u>09302480</u>	Not Issued	161	04/30/1999	FABRICATION OF GREEN- BLUE-WHITE AMORPHOUS P- I-N THIN-FILM LIGHT- EMITTING DIODES	CHEN, YEN-ANN
<u>09218725</u>	<u>6195874</u>	150	12/22/1998	FOLDED FIN FORMING METHOD, MACHINE AND FOLDED FIN OBTAINED THEREFROM	CHEN, YEN P.
<u>09186129</u>	Not Issued	161	11/04/1998	METHOD FOR FABRICATING A NON-VOLATILE MEMORY DEVICE	CHEN, YEN- CHANG
<u>09003567</u>	<u>6094246</u>	150	01/06/1998	ACUTE TWIST NEMATIC LIQUID CRYSTAL ELECTRO-	CHEN, YEN- CHEN

				OPTIC MODULATOR FOR USE IN AN INFRARED OPTICAL COMMUNICATION SYSTEM HAVING EXTINCTION RATIO OF -25DB	
<u>08897353</u>	<u>5963291</u>	150	07/21/1997	LOW DIELECTRIC ANISOTROPY LIQUID CRYSTAL OPTICAL ATTENUATOR USING POLARIZATION MODULATION AND A FEEDBACK CONTROLLER	CHEN, YEN- CHEN
<u>08885761</u>	<u>6256010</u>	150	06/30/1997	DYNAMIC CORRECTION OF LCD GAMMA CURVE	CHEN, YEN- CHEN
<u>08619019</u>	<u>5774178</u>	250	03/20/1996	APPARATUS AND METHOD FOR REARRANGING DIGITIZED SINGLE-BEAM COLOR VIDEO DATA AND CONTROLLING OUTPUT SEQUENCE AND TIMING FOR MULTIPLE-BEAM COLOR DISPLAY	CHEN, YEN- CHEN
<u>08549983</u>	<u>5801665</u>	150	10/30/1995	FORMAT CONVERTER FOR THE CONVERSION OF CONVENTIONAL COLOR DISPLAY FORMAT TO FIELD SEQUENTIAL	CHEN, YEN- CHEN
<u>07970068</u>	Not Issued	161	11/02/1992	ACTIVE MATRIX LIQUID CRYSTAL DISPLAY DRIVING ARRANGEMENT	CHEN, YEN- CHEN
<u>07853577</u>	Not Issued	161	03/18/1992	DIODE MATRIX DRIVING LCD	CHEN, YEN- CHEN
<u>07818132</u>	<u>5648793</u>	150	01/08/1992	DRIVING SYSTEM FOR ACTIVE MATRIX LIQUID CRYSTAL DISPLAY	CHEN, YEN- CHEN
<u>07650197</u>	<u>5189515</u>	150	02/04/1991	TELEVISION SYNCHRONIZATION SIGNAL SEPARATOR	CHEN, YEN- CHEN
<u>06892911</u>	<u>4730379</u>	150	08/01/1986	ON THE TABLE AUTOMATIC OPERATION TYPE OF PIVOT- PIN FITTING MACHINE	CHEN, YEN W.

[Search and Display More Records.](#)

<b>Search Another: Inventor</b>	<b>Last Name</b>	<b>First Name</b>	<input type="button" value="Search"/>
	<input type="text" value="Chen"/>	<input type="text" value="Yen"/>	